

Product datasheet for **RN214217**

Nedd4 (NM_012986) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nedd4 (NM_012986) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nedd4
Synonyms:	Nedd4a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214217 representing NM_012986
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTCGGACATGGCAGCCGACGACACTGAGGCCCCAGTGCTTTCGGAGGACGAGGTATGGGAGTTCT
 GTCTGGATAAGAATGAAGAGGGTGGTGGATCCCCGGAAGTGATGTCACAGATACTTGTGAGCCACCATG
 TGGATGCTGGGAGTTAAATCCGAGTTCCTGGAAGAGGAGCACGTGCTTTTCACTGCCGATCCATATCTC
 GAGCTTACAATGATGACACGCGAGTTGTGAGAGTGAAGGTTATAGCTGGCATAGGTCTGGCCAAGAAAG
 ACATCTTGGGAGCCAGTGATCCTTATGTAAGAGTGACATTGATGACCCGATGAGTGGAGTCTTACCAG
 CGTGCAGACGAAAATATCAAAAAGTCTTTGAATCCAAAATGGAACGAAGAAATACTGTTGAGATCCTT
 CCACAACAGCACCGGATCTTTTCGAAGTGTGGATGAAAATCGTTTGACAAGAGATGATTTCTGGGTC
 AAGTGGATGTCCCTCTCTATCCTTTACCGACTGAAAACCAAGAATGGAGAGACCATATACATTTAAGGA
 TTTTGTCTTTCATCCAAGAAGCCACAAATCAAGAGTTAAAGGTTATCTGAGATTAATAATGACTTACTTA
 CCTAAAAACGGCTCAGATGATGAAAATGCAGACCAGGCTGAGGAGTTAGAGCCTGGCTGGGTTGTTTTGG
 ACCAACCCAGATGCTGCCACCCATTTGCAGCATCCACCAGAACCTTCTCCCTACCTCCAGGGTGGGAAGA
 GAGGCAGGATGCTCTTGGAAAGGACTACTACGTAACCATGAGTCTAGAACAACAATGAAAAAGACCA
 AGCCCTGAGGATGACCTCACAGATGATGAGAATGGTGACATTCAGCTGCAGGCGCAGCGAGCATTACCA
 CCAGGCGGCAGATATCGGAGGATGTGGATGGCCCTGACAACCACGAGTCCCCTGAGAATTTGGGAGATTGT
 ACGAGAAGATGAGAACACCATGTACAGTGGTCAAGGCTGTTGAGTGCCTCCGTGAGTCAACCCAGACGTG
 CAGGTCGGCTCGCAGAGGAGTTAGATACCAGACTCACCATGTATGGAACCCGGCCACCAGCCAGCCAG
 TCACCAGCTCAAACCATCCAGCAGAGGAGGAGGCTCGCAAACCTGTATCTTTGAGGAACAGCCTACACT
 TCCTGTGCTTTTGCCTACTTTCATCTGGATTGCCACCAGGTTGGGAAGAAAAACAAGATGACAGAGGACGA
 TCGTACTATGTAGACCACAACCTAAGACAACCACATGGTCCAAGCCACCATGCAGGATGATCCAAGAT
 CGAAAAATCCTGCTCATCTGAGAGGAAAGACACCAGTCCGACTCCAATGACCTGGGACCTTTACCTCCAGG
 CTGGGAAGAAAGAACGCACACAGATGGAAGGGTCTTCTCATAAATCACAAATAAAGAAGACACAGTGG
 GAAGATCCTCGGATGCAGAAATGTGGCCATAACTGGACCAGCAGTCCCTACTCCAGAGATTACAAAAAGAA
 AGTATGAGTTTTCCGAAGGAAGCTGAAGAAGCAGACTGACATCCAAACAAATTTGAAATGAAACTTCG
 CCGTGCAAACATCTGGAGGATTCTTACCGGAGAATTATGGGTGTGAAGAGAGCTGACTTCTCAAGGCC
 CGACTCTGGATTGAGTTTGTGATGGTAAAAGGGCCTTGACTATGGAGGAGTTGCCCGAGAATGGTTCTTCC
 TCATCTCAAAGGAGATGTTAATCCCTATTATGGCCTGTTTGAATATTCCGCTACGGACAATTACACTCT
 GCAGATAAATCCAACTCGGGCTTGTGTAATGAAGATCACCTCTCATACTTCAAGTTCATTGGCCGTGTG
 GCTGGGATGGCGTTTATCATGGCAAGCTGTTGGATGGGTTTTTCATCCGCCCTTTTACAAGATGATGC
 TTCAGAAACTGATAACACTGCACGACATGGAGTCCGTGGATAGTGAATATTACAGTTCTCTGCGATGGAT
 TCTTGAAGATGACCCGACGGAGCTGGACCTGAGATTTATCATAGATGAAGAGCTTTTTGGACAGACACAT
 CAACACGAGCTGAAAACCTGGTGGATCGGAGGTTGGTCCACCAACAAGAACAAGGAGTATATCTACC
 TTGTAATCCAGTGGCGATTTGTGAACAGAATCCAGAAGCAAATGGCTGCTTTTAAAGAGGGATTTTTGA
 ACTGATACCACAGGATCTGATCAAGATATTCGATGAAAAATGAAGTGAAGTCTCTCATGTGTGGTCTGGGA
 GATGTGGACGTGAACGACTGGAGGGAACATACAAAATACAAAAATGGATACAGCTTAAACCACAGGTCA
 TCCACTGGTTCTGGAAGGCTGTTTTGATGATGGATTTCAGAAAAAAGAATACGCTTACTTCAAGTTTGTAC
 TGGCACATCCCCTGTGCCTATGAATGGATTTGCTGAACTCTATGGCTCAAATGGACCACAGTCTTCCACA
 GTGGAACAGTGGGGCACCCCTGATAAGCTGCCAGAGCACATACCTGCTTCAACCGCCTGGACCTGCCAC
 CCTATGAATCCTTTGACGAACCTGGGATAAACTTCAGATGGCGATTGAGAACACGCAGGCTTTGATGG
 GGTTGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012986

Insert Size:	2670 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_012986.1 , NP_037118.1
RefSeq Size:	5373 bp
RefSeq ORF:	2670 bp
Locus ID:	25489
UniProt ID:	Q62940
Cytogenetics:	8q24
Gene Summary:	may regulate function of the amiloride-sensitive epithelial sodium channel ENaC [RGD, Feb 2006]